

Claims

[c1] What is claimed is:

1. An ultra-thin backlight display panel comprising:
an upper housing having a first cold cathode fluorescent lamp (CCFL) for generating light and a first lampshade for collecting light generated by the first CCFL;
a lower housing having a second CCFL for generating light and a second lampshade for collecting light generated by the second CCFL; and
a backlight module having a light guide plate, a transparent film, and a reflection film, the light guide plate having four sides, wherein two of the four sides are connected with the upper housing and the lower housing, and the other two sides are respectively covered with a reflective material, the transparent film being positioned on a first plane of the light guide plate and the reflection film being positioned on a second plane of the light guide plate to reflect light from the first CCFL and the second CCFL;
wherein the reflective materials covering the two sides of the light guide plate reflect light from the light guide plate back.

- [c2] 2.The ultra-thin backlight display panel of claim 1 wherein a thickness of the backlight module is about one centimeter.
- [c3] 3.The ultra-thin backlight display panel of claim 1 wherein the upper housing has an upper base and an upper cover installed on the upper base in a rotatable manner, the lower housing has a lower base and an lower cover installed on the lower base in a rotatable manner, and the upper cover and the lower cover are capable of clipping the transparent film on the first plane of the light guide plate.
- [c4] 4.The ultra-thin backlight display panel of claim 1 wherein the transparent film is capable of diffusing light.
- [c5] 5.The ultra-thin backlight display panel of claim 1 wherein the upper housing has at least one opening for connecting a fixture that is used for placing the ultra-thin backlight display panel.